

Appl. No. : 10/760,126  
Filed : January 16, 2004

## AMENDMENTS TO THE CLAIMS

Please cancel Claims 1-8 and 15 as indicated below.

Claims 1-8 (**Canceled**).

9. **(Original)** A method for controlling battery power comprising the acts of:
  - selectively providing a first external power source or a second external power source to a device coupled to a system power terminal;
  - coupling an internal battery to the system power terminal via a series-connected transistor; and
  - charging the internal battery by regulating the transistor to conduct a charging current in a first direction from the system power terminal to a positive battery terminal during a charging mode, wherein the charging current is linearly adjusted to prevent a supply current from exceeding a predefined threshold.
10. **(Original)** The method of Claim 9, further comprising the act of discharging the internal battery by regulating the transistor to conduct a discharging current in a second direction from the positive battery terminal to the system power terminal during a discharging mode.
11. **(Original)** The method of Claim 9, wherein the impedance of the transistor varies to limit the level of the charging current.
12. **(Original)** The method of Claim 9, wherein the charging mode occurs when the voltage on the system power terminal is greater than the voltage of the internal battery.
13. **(Original)** The method of Claim 10, wherein the discharging mode occurs when the voltage on the system power terminal is less than the voltage of the internal battery.
14. **(Original)** The method of Claim 10, wherein the discharging mode occurs in response to a discharge command.
15. **(Canceled)**.